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NRO REVIEW COMPLETED



CCR-2299-63

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7 October 1963

MEMORANDUM FOR THE RECORD

SUBJECT : Comments on memorandum for Deputy Director (Science and Technology), from Director, National Photographic Interpretation Center

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1. This office has not heretofore considered feasibility of this combination. It possibly has been considered at SED.

2. Because of performance capabilities, interface problems, and security, it is also desirable to consider the LANYARD and MURAL configuration (KH-6/KH-4).

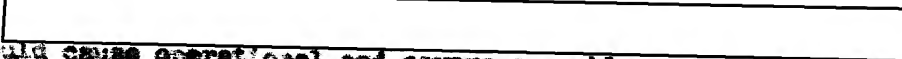
3. Primary problems envisaged:

A. For single MK 5 RV, capacity for the three spools required is very poor.

B. Dual capsule, "J" configuration is possible, with one system in one bucket, other system in second. This would have some possible operational advantages.

C. Film paths may be very awkward, though not insurmountable.

D. The structure required appears difficult for manufacture and boost because of length of the overall system.

E. 
This would cause operational and coverage problems for the COFOWA camera.

F. The MK-6 scale-up recovery system should be evaluated for inclusion in the system. The MK-6 might allow better packaging of the three spools required.

G. We might consider the use of the LMSC multiple recovery body for this system; possibly placing the cameras between two groups of recovery bodies so that there is no crossing of film paths.

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H. The total weight looks feasible; [redacted]

[redacted] NUCAL payload is 886 lbs. The combined system will be of the order of 5000 lbs., within weight capability of the Atlas D/AGNA D (only slightly heavier than proposed for the modified E-6 with 2 KC-8 recovery vehicles.

4. We would like a better understanding of the merit of the heterogeneous stereo coverage.

SIGNED

[redacted]
SSD/OSA

[redacted] SSD/OSA [redacted] (7 October 1963)

Distribution:

- Cy 1 - D/TECH/OSA
2 - DD/OSA
3,4,5 - SSD/OSA
6 - SSD/OSA (chronos)
7 - RB/OSA